

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Not for submission under 37 CFR 1.99)</i>	Application Number		10601159
	Filing Date		2003-06-20
	First Named Inventor	Joshua T. Goodman	
	Art Unit	2157 2141	
	Examiner Name	Unknown COULTER	
	Attorney Docket Number	MS303686.01/MSFTP418US	

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HAC	1	6915334		2005-07-05	Robert J. Hall	

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First Named Inventor	Joshua T. Goodman
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Examiner Name	Unknown COULTER
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MC	1	6742047		2004-05-25	Michael Man-Hak Tso	
	2	6314421		2001-11-06	Sharnoff, et al.	
	3	6421709		2002-07-16	McCormick, et al.	
	4	6321267		2001-11-20	Albert L. Donaldson	
	5	6701440		2004-03-02	Kim, et al.	
	6	6167434		2000-12-26	Stephen Y. Pang	
	7	6732157		2004-05-04	Gordon, et al.	
MC	8	6643686		2003-11-04	Robert J. Hall	

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		Art Unit		2467 2141	
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<i>JAC</i>	9	6928465		2005-08-09	Jerry Brett Ernest	
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<i>JAC</i>	1	20010046307	A1	2001-11-29	Ping Wah Wong	
	2	20020073157	A1	2002-06-13	Newman, et al.	
	3	20040199594	A1	2004-10-07	Radatti, et al.	
	4	20020091738	A1	2002-07-11	Rohrbaugh, et al.	
	5	20040073617	A1	2004-04-15	Milliken, et al.	
	6	20030229672	A1	2003-12-11	Daniel Mark Kohn	
<i>JAC</i>	7	20050015455	A1	2005-01-20	Gary G. Liu	

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VAL	1	20020199095		2002-12-00	Bandini, et al.	
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VAL	3	20030009698		2003-01-00	Lindeman, et al.	

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WUL	2	20030088627		2003-05-08	Rothwell, et al.			
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llul	1	European Search Report dated April 6, 2006 and mailed April 6, 2006 for EP 04102242, 3 pages.	<input type="checkbox"/>
llul	2	GRAHAM. "The Future of SPAM" (2003) Computer Journal, CSI Computer Security Institute, vol. 19, no. 1, 6 pages.	<input type="checkbox"/>

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Application Number	10/601,159
Filing Date	06-20-2003
First Named Inventor	Joshua Goodman
Art Unit	2797 2141
Examiner Name	CULTER
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		First Named Inventor	Joshua Goodman
		Art Unit	2137 2141
		Examiner Name	COWLER
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		Attorney Docket Number	MS303686.01/MSFTP418US

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Art Unit	2157 2141
Examiner Name	C DULTER
Attorney Docket Number	MS303684.01/MSFTP418US

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Application Number 10/601 159

File Date 01-20-2002

Print Date 06-20-2003

First Named Inventor Joshua Goodrich

Art Unit

Examiner Name CRUTER

Attorney Docket Number MS303686 01/MSETP4181JS

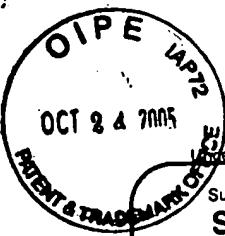
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Attorney Docket Number MS303686.01/MSFTP418US

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JKL		US- 2002/0184315	12-02-2002	Earnest	
		US- 10/208,150	07-29-2002	Andaker	
		US- 09/893,941	06-28-2001	Horvitz	
		US- 10/278,591	10-23-2002	Heckerman	
		US- 10/180,565	06-26-2002	Goodman	
		US- 09/497,992	02-04-2000	Maller	
JKL		US- 10/291,260	11-08-2002	Burrows	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (<i>If known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
JKL		EP1376427 A2	01-02-2004	Microsoft Corporation		
JKL		EP1376427 A3	01-02-2004	Microsoft Corporation		

Examiner Signature

Kendall Cule

Date Considered

12/24/06

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<p>Substitute for form 1449B/PTO</p> <p>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p>				Complete If Known	
<i>Application Number</i>		10/601,159			
<i>Filing Date</i>		June 20, 2003			
<i>First Named Inventor</i>		Joshua T. Goodman			
<i>Art Unit</i>		2157 214)			
<i>Examiner Name</i>		COULTER			
<i>Attorney Docket Number</i>	MS303686.01/MSFTP418US				

NON PATENT LITERATURE DOCUMENTS

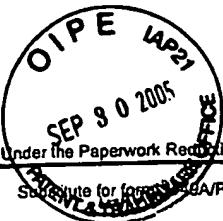
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>ILUC</i>		BREIMAN, FRIEDMAN, OLSHEN, and STONE. "Classification and Regression Trees." Wadsworth & Brooks, Monterey, CA (1984).	
		QUINLAN. "C4.5: Programs for Machine Learning." Morgan Kaufmann, San Francisco, CA (1993).	
<i>ILUC</i>		HAYES, BRIAN. "Spam, Spam, Spam, Lovely Spam." American Scientist Online, June 30, 2003. Pgs. 1-6. vol. 91.	
		European Search Report, dated June 9, 2005, mailed August 22, 2005 for European Patent Application Serial No. EP04011978, 12 pages.	

Examiner Signature	Kent Arth	Date Considered	12/24/01
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Complete if Known

Application Number	10/601,159
Filing Date	06-20-03
First Named Inventor	Joshua T. Goodman, et al.
Art Unit	2157-2141
Examiner Name	Unknown - COULTER
Attorney Docket Number	MS303686.01/MSFTP418US

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ , Number ⁴ , Kind Code ⁵ (if known)			
KMC	EP1376427A2		01-02-2004	Microsoft Corporation	
KMC	EP1376427A3		01-02-2004	Microsoft Corporation	
SAC	EP1300997A2		04-09-2003	Terrace Technologies, Inc.	

**Examiner
Signature**

Kirt A. Bell

Date
Considered

12/24/06

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Substitute for form 1449B/PTO				<i>Complete If Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	10/601,159
				<i>Filing Date</i>	06-20-03
				<i>First Named Inventor</i>	Joshua T. Goodman, et al.
				<i>Art Unit</i>	2137 2141
				<i>Examiner Name</i>	Unknown COULTER
(Use as many sheets as necessary)				<i>Attorney Docket Number</i>	MS303686.01/MSFTP418US
Sheet	2	of	2		

NON PATENT LITERATURE DOCUMENTS

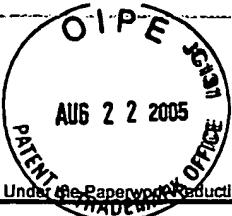
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>SLCL</i>		HAYES, BRIAN."Spam, Spam, Spam, Lovely Spam." American Scientist Online, June 30, 2003. Pgs. 1-6. vol. 91.	
		BOWMAN, LISA M. "Hotmail Spam Filters Block Outgoing E-mail." CNET News.com January 18, 2001. 3pgs.	
		BYRNE, JULIAN. "My Spamblock Was Thwarting UCE Address Culling Programs." (Newsgroups: news.admin.net-abuse.email, comp.mail.sendmail, comp.security.unix) January 19, 1997.	
		SKOLL, DAVID F. "How To Make Sure A Human Is Sending You Mail." (Newsgroups: news.admin.net-abuse.usenet) November 17, 1996.	
<i>SLCL</i>		European Search Report dated June 9, 2005, mailed August 22, 2005 for European Patent Application Serial No. EP04011978, 12 Pages.	

Examiner Signature	Kenneth Anthon	Date Considered	12/24/06
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Substitute for form 1449/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete If Known

				Application Number	10/601,159
				Filing Date	June 20, 2003
				First Named Inventor	Joshua Goodman
				Art Unit	2157 Z 141
				Examiner Name	Unknown COULTER
Sheet	2	of	2	Attorney Docket Number	MS303686.01/MSFTP418US

NON PATENT LITERATURE DOCUMENTS

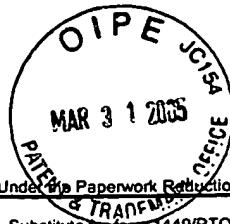
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JKC		Partial European Search Report, EP33823TE900kap, mailed 6-21-05	

Examiner Signature	<i>Henry Coulter</i>	Date Considered	12/24/06
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Attorney Docket Number

Complete if Known

Application Number	10/601,159
Filing Date	June 20, 2003
First Named Inventor	Joshua T. Goodman, et al.
Art Unit	215T 2141
Examiner Name	Unknown COULTER
Attorney Docket Number	MS303686.01/MSFTP418US

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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<p>Substitute for form 1449/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i></p>		Application Number	10/601,159		
		Filing Date	June 20, 2003		
		First Named Inventor	Joshua T. Goodman, et al.		
		Art Unit	2167 2141		
		Examiner Name	Unknown COULTER		
Sheet	2	of	2	Attorney Docket Number	MS303686.01/MSFTP418US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
JKL		YU WU, et al., A New Anti-Spam Filter Based on Data Mining and Analysis of Email Security, Conference Proceedings of the SPIE, Data Mining and Knowledge Discovery Theory, Tools and Technology V, vol. 5098, 21 April 2003, pp. 147-154, Orlando, FL, USA		
		MASSEY, B., et al., Learning Spam: Simple Techniques for Freely-Available Software, Proceedings of Freenix Track 2003 Usenix Annual Technical Conference, Onlinel, 9 June 2003, pp. 63-76, Berkley, CA, USA		
		GRAHAM, P., The Future of Spam, Computer Security Journal, CSI Computer Security Institute, vol. 19, no. 1, January 2003, pp. 1-5		
JKL		GRAHAM, P., A Plan for Spam, Onlinel, August 2002, XP002273602, http://www.paulgraham.com/spam.html , retrieved on 2004-03-12		

Examiner Signature	<i>Lemon Coulter</i>	Date Considered	12/24/06
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SUPPLEMENTA

**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known	
Application Number	10/601,159
Filing Date	June 20, 2003
First Named Inventor	Joshua T. Goodman, et al.
Art Unit	2157 2141
Examiner Name	Unknown COULTER
Attorney Docket Number	MS303686.01/MSFTP418US

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Signature**

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Date Considered:

12/24/08

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Substitute for form 1449/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete If Known
Sheet	2	of	2	Attorney Docket Number
				MS303686.01/MSFTP418US

NON PATENT LITERATURE DOCUMENTS				
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JKC		European Search Report, EP31087TE900, mailed 11-11-04		T ²
		J. BYRNE, My Spamblock, Google, January 19, 1997, 2 pages		
		D. F. SKOLL, How to Make Sure a Human is Sending You Mail, Google, November 17, 1996, 2 pages		
LMB		L. M. BOWMAN, Hotmail Spam Filters Block Outgoing E-Mail, CNET NEWS.COM, January 18, 2001, 3 pages		

Examiner Signature	<i>John Coulter</i>	Date Considered	12/24/06
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of 5

Complete if Known

Application Number	10/601,159
Filing Date	6/20/03
First Named Inventor	Joshua T. Goodman
Art Unit	2137 2141
Examiner Name	Unknown COULTER

Attorney Docket Number MS303686.1/MSFTP418US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JKL		US- 6,779,021	08-17-2004	Bates et al.	
		US- 6,732,149	05-04-2004	Kephart	
		US- 6,728,690	04-27-2004	Meek et al.	
		US- 6,691,156	02-10-2004	Drummond et al.	
		US- 6,684,201	01-27-2004	Brill	
		US- 6,633,855	10-14-2003	Auvenshine	
		US- 6,592,627	07-15-2003	Agrawal et al.	
		US- 2002/0059425	05-16-2002	Belfiore et al.	
		US- 6,434,600	08-13-2002	Waite et al.	
		US- 6,424,997	07-23-2002	Buskirk, Jr. et al.	
		US- 6,370,526	04-09-2002	Agrawal et al.	
		US- 6,327,617	12-04-2001	Fawcett	
		US- 6,308,273	10-23-2001	Goertzel et al.	
		US- 2002/0016956	02-07-2002	Fawcett	
		US- 5,905,859	05-18-1999	Holloway et al.	
		US- 5,805,801	09-08-1998	Holloway et al.	
		US- 2004/0139165	07-15-2004	McMillan et al.	
		US- 2004/0139160	07-15-2004	Wallace et al.	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature

Lemon Coulter

Date Considered

12/24/06

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/601,159
				Filing Date	6/20/03
				First Named Inventor	Joshua T. Goodman
				Art Unit	2157 2141
				Examiner Name	Unknown COULTER
Sheet	2	of	5	Attorney Docket Number	
				MS303686.1/MSFTP418US	

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	Henry Carter	Date Considered	12/24/06
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Sheet	3	of	5	Filing Date	6/20/03
				First Named Inventor	Joshua T. Goodman
				Art Unit	2457 Z 14)
				Examiner Name	Unknown CDULTER
				Attorney Docket Number	MS303686.1/MSFTP418US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
INC		D. TURNER et al., Payment-based Email. 5th International Conference on Software Engineering, Artificial Intelligence, Networking, and Parallel/Distributed Computing, June 2004. 7 pages.			T ²
		D.A. TURNER et al., Controlling Spam through Lightweight Currency. In Proc. of the Hawaii International Conference on Computer Sciences, January 2004. 9 pages.			
		FABRIZIO SEBASTIANI. Machine Learning in Automated Text Categorization. ACM Computing Surveys, Vol. 34 Issue 1, pp. 1-47, 2002.			
		I. ANDROUTSOPoulos, et al. Learning to Filter Spam E-mail: A Comparison of a Naive Bayesian and a Memory-based Approach. 4th PKDD's Workshop on Machine Learning and Textual Information Access, 2000. 13 pages.			
		I. ANDROUTSOPoulos, et al., An Experimental Comparison of Naive Bayesian and Keyword-based Anti-spam Filtering with Personal E-mail Messages. Proceedings of the 23rd ACM SIGIR Conference, pp. 160-167, 2000.			
		P. PANTEL, et al., SpamCop: A Spam Classification & Organization Program. In Proc. AAAI-1998 Workshop on Learning for Text Categorization, 1998. 8 pages.			
		G. MANCO, et al., Towards an Adaptive Mail Classifier. In Proc. of Italian Association for Artificial Intelligence Workshop, 2002. 12 pages.			
		CORMAC O'BRIEN, et al., Spam Filters: Bayes vs. Chi-squared; Letters vs. Words, Proceedings of the 1st international symposium on Information and communication technologies, 2003, pp.291-296, Dublin, Ireland.			
		OLLE BALTER, et al., Bifrost Inbox Organizer: Giving users control over the inbox, NordiCHI 10/02, 2002, pp.111-118, Arhus, Denmark.			
INC		LORRIE FAITH CRANOR, et al., Spam!, Communications of the ACM, 1998, pp. 74-83, Vol. 41-No.8.			

Examiner Signature	Kenya Lulie	Date Considered	12/24/06
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				Examiner Name	Unknown COULTER
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/AC		JOHN WONG, Preventing Spams and Relays, Linux Journal, December 1998, 6 pages, Vol. 1998 Issue 56es, Specialized Systems Consultants, Inc.			T ²
		MENG WENG WONG, SPF Overview, Linux Journal, April 2004, 6 pages, Vol. 2004 Issue 120, Specialized Systems Consultants, Inc.			
		Stop, in the Name of Spam, Communications of the ACM, November 1998, pp.11-14, Vol. 41 No. 11, ACM			
		ERIC ALLMAN, Spam, Spam, Spam, Spam, Spam, the FTC, and Spam, Queue, September 2003, pp. 62-69, Vol. 1 Issue 6, ACM			
		TOM FAWCETT, "In vivo" Spam Filtering: A Challenge Problem for KDD, SIGKDD Explorations, December 2003, pp. 140-148, Vol. 5 Issue 2, ACM			
		J.D.M. RENNIE, ifile: An Application of Machine Learning to E-Mail Filtering, Proceedings of the KDD-2000 Workshop on Text Mining, Sixth ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, 2000. 6 pages.			
		S. ARGAMON, et al., Routing documents according to style. In First International Workshop on Innovative Information Systems, 1998. 8 pages.			
		K. MOCK, An Experimental Framework for Email Categorization and Management. Proceedings of the 24th Annual International ACM SIGIR Conference, pp.392-393, 2001.			
		JOSE MARIA GOMEZ HIDALGO, Evaluating Cost-Sensitive Unsolicited Bulk Email Categorization, SAC 2002, 2002, pp. 615-620, ACM, Madrid, Spain.			
/AC		A.Z. BRODER, et al. Syntactic Clustering of the Web. SRC Technical Note, Digital Corporation, July 25, 1997. 13 pages.			

Examiner Signature	<i>hunts Coulter</i>	Date Considered	12/24/06
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				Attorney Docket Number
				MS303686.1/MSFTP418US

NON PATENT LITERATURE DOCUMENTS

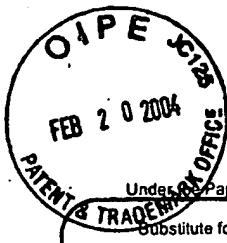
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JKL		P.Y. SIMARD, et al., Using Character Recognition and Segmentation to Tell Computer from Humans. International Conference on Document Analysis and Recognition (ICDAR), IEEE Computer Society, Los Alamitos, pp. 418-423, 2003.	
JKL		S. LI et al., Secure Human-Computer Identification against Peeping: A Survey. Technical Report, Microsoft Research, 2003. 53 pages.	

Examiner Signature	Kemra Coulter	Date Considered	12/24/06
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

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Application Number	10/601,159
Filing Date	June 20, 2003
First Named Inventor	Joshua T. Goodman, et al.
Art Unit	2157 2141
Examiner Name	Unknown COULTER

Attorney Docket Number MS303686.1/MSFTP418US

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		Number-Kind Code ² (if known)			
JNL		US- 6,161,130	12/12/2000	Horvitz, et al.	
		US- 6,023,723	02/08/2000	McCormick, et al.	
		US- 6,003,027	12/14/1999	Prager	
		US- 5,835,087	11/10/1998	Herz, et al.	-
		US- 5,638,487	06/10/1997	Chigier	
		US- 5,619,648	04/08/1997	Canale, et al.	
		US- 5,377,354	12/27/1994	Scannel, et al.	
		US- 6,192,360	2/20/2001	Dumais, et al.	
		US- 5,704,017	12/30/1997	Heckerman, et al.	
JNL		US- 6,266,692	07-24-2001	Greenstein	
JNL		US- 6,484,197	11-19-2002	Donohue	
		US-			

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
JNL		EP720 333	07/03/1996	A T & T Corp.		
JNL		EP413 537	02/20/1991	Digital Equipment Int.		
JNL		WO96/35994	11/14/1996	Compuserve, Inc.		

Examiner Signature

Karen Coulter

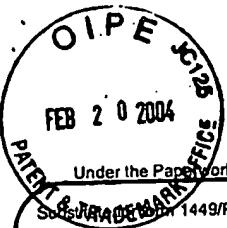
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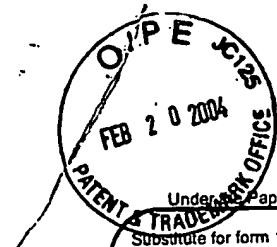
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llac		CYNTHIA DWORAK, et al.; "Pricing Via Processing or Combatting Junk Mail"; Presented at Crypto '92; pp. 1-11	
		THORSTEN JOACHIMS; "Text Categorization with Support Vector Machines: Learning with Many Relevant Features"; LS-8 Report 23, November 1997, 18 pages.	
		DAPHNE KOLLER, et al.; "Hierarchically Classifying Documents Using Very Few Words"; In ICML-97: Proceedings of the Fourteenth International Conference on Machine Learning, San Francisco, CA: Morgan Kaufmann 1997; 9 pages	
		ELLEN SPERTUS; "Smoky: Automatic Recognition of Hostile Messages"; Proceedings of the Conference on Innovative Applications in Artificial Intelligence (IAAI), 1997, 8 pages.	
		HINRICH SCHUTZE, et al.; "A Comparison of Classifiers and Document Representations for the Routing Problem"; Proceedings of the 18th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, Seattle, WA, July 9-13, 1995; pp. 229-237	
		YIMING YANG, et al.; "A Comparative Study on Feature Selection in Text Categorization"; School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, and Verity, Inc., Sunnyvale, CA; 9 pages	
		YIMING YANG, et al.; "An Example-Based Mapping Method for Text Categorization and Retrieval"; ACM Transactions on Information Systems, Vol. 12, No. 3, July 1994, pp. 252-277.	
		DAVID D. LEWIS, et al.; "A Comparison of Two Learning Algorithms for Text Categorization"; Third Annual Symposium on Document Analysis and Information Retrieval; April 11-13, 1994; pp. 81-93.	
		MEHRAN SAHAMI; "Learning Limited Dependence Bayesian Classifiers"; In KDD-96: Proceedings of the Second International Conference on Knowledge Discovery and Data Mining; AAAI Press, 1996; Menlo Park, CA; pp. 335-338	
llac		WILLIAM W. COHEN; "Learning Rules that Classify E-Mail"; In the Proceedings of the 1996 AAAI Spring Symposium on Machine Learning in Information Access. Downloaded from William Cohen's web page: http://www.research.att.com/nwcohen/pubs.html	

Examiner Signature	<i>Kent Coulter</i>	Date Considered	12/24/06
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Sheet

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First Named Inventor	Joshua T. Goodman, et al.
Art Unit	2157 2441
Examiner Name	Unknown COULTER
Attorney Docket Number	MS303686.1/MSFTP418US

NON PATENT LITERATURE DOCUMENTS

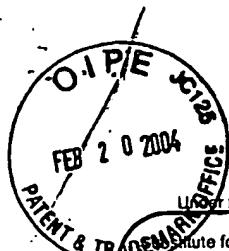
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JKL		MAKOTO IWAYAMA, et al.; "Hierarchical Bayesian Clustering for Automatic Text Classification"; Natural Language; 1995; pp. 1322-1327.	
		DAVID D. LEWIS; "An Evaluation of Phrasal and Clustered Representations on a Text Categorization Task"; 15th Annual International SIGIR '92; Denmark 1992; pp. 37-50.	
		DAPHNE KOLLER, et al.; "Toward Optimal Feature Selection"; Machine Learning; Proc. of the Thirteenth International Conference, Morgan Kaufmann, 1996, 9 pages.	
		DAVID DOLAN LEWIS; "Representation and Learning in Information Retrieval"; University of Massachusetts, 1992	
		TOM MITCHELL; "Machine Learning"; Carnegie Mellon University, Bayesian Learning, Chapter 6, pp. 180-184	
		Y. H. Li, et al.; "Classification of Text Documents"; Department of Computer Science and Engineering, Michigan State University, E. Lansing, Michigan, The Computer Journal, Vol. 41, No. 8, 1998; 537-546.	
		JUHA TAKKINEN, et al.; "CAFE: A Conceptual Model for Managing Information in Electronic Mail"; Laboratory for Intelligent Information Systems, Department of Computer and Information Science, Linkoping University, Sweden, Conference on System Sciences, 1998 IEEE	
		JACOB PALME, et al.; "Issues When Designing Filters In Messaging Systems"; Department of Computer and Systems Sciences, Stockholm University, Royal Institute of Technology, Skeppargarten 73, S-115 30, Stockholm, Sweden, Computer Communications; 1996; pp. 95-101.	
		RICHARD B. SEGAL, et al., "SwiftFile: An Intelligent Assistant for Organizing E-Mail"; IBM Thomas J. Watson Research Center	
JKL		MEHRAN SAHAMI, et al., "A Bayesian Approach to Filtering Junk E-Mail"; Stanford University	

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JKC		DAVID MADIGAN, "Statistics and The War on Spam," Rutgers University, pp. 1-13, 2003	
		PADRAIG CUNNINGHAM, et al., "A Case-Based Approach to Spam Filtering that Can Track Concept Drift," Trinity College, Dublin, Department of Computer Science, 5/13/03	
		MARK ROSEN, "E-mail Classification in the Haystack Framework," Massachusetts Institute of Technology, February, 2003	
		KEVIN R. GEE, Using Latent Semantic Indexing to Filter Spam, Dept. of Computer Science and Engineering, University of Texas-Arlington, 5 pages	
JKC		THORSTEN JOACHIMS, Transductive Inference for Text Classification Using Support Vector Machines, In Proceedings of the 16th International Conference on Machine Learning, 1999, pp. 200-209, San Francisco, USA	

Examiner Signature	<i>James Coulter</i>	Date Considered	12/24/06
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